Rec'd Pet/PTO 18 Jun 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau





(43) International Publication Date 1 July 2004 (01.07.2004)

PCT

(10) International Publication Number WO 2004/055042 A1

- (51) International Patent Classification⁷: C07K 5/10, C12N 15/63, 15/31, A61K 38/07, A61P 37/02
- (21) International Application Number:

PCT/CN2003/001054

(22) International Filing Date:

10 December 2003 (10.12.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: 60/435,796

18 December 2002 (18.12.2002) U

- (71) Applicant (for all designated States except US): PEPHARM R & D LIMITED [CN/CN]; Room 1404, 14/F Kodak House II No.39 Healthy Street, East North Point, Hong Kong (CN).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): WONG, Waiming [CN/CN]; Unit 24A, Flora Court, 95 Caine Road, Hong Kong (CN). LIN, Gang [CN/CN]; 9D, Building 19, Baiyi Yuan Baishida Garden, 28th Taining Road, Shenzhen 518020 (CN).

- (74) Agent: NTD PATENT & TRADEMARK AGENCY LIMITED BELJING OFFICE; 10th Floor, Block A, Investment Plaza, 27 Jinrongdajie, Beijing 100032 (CN).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: BIOLOGICALLY ACTIVE PEPTIDE CONJUGATES

(57) Abstract: Thirty substantially pure and biologically active peptides are disclosed. Nucleic acids that have sequences coding for the biologically active peptides and pharmaceutical formulations produced therefrom are also disclosed. Methods for altering the biological activity of the peptides are disclosed.

